

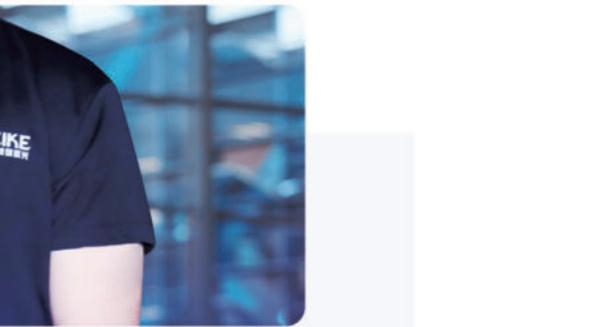


ABOUT / PRODUCTION  
GWEIKE BASE



# PROFESSIONAL EQUIPMENT MANUFACTURER LASER

## Quality & Service



GWEIKE has more than 200 R&D personnel and has obtained more than 160 national and technical authorized patents, including more than 30 invention patents. GWEIKE has won a lot of national and international awards including IF Design Award, Red Dot Award, etc.

Sheet metal processing center, gantry milling workshop, robot welding production line, annealing workshop, assembly workshop, electrical assembly and electrical debugging workshop, and testing workshop. GWEIKE strictly controlled the quality through more than 120 processing procedures.

GWEIKE Laser has continuously expanded 10 after-sales centers, improved its after-sales service system, and established an after-sales service mechanism with 300 gold medal engineers, 7x24 hours online, 30-minute quick response, and global coverage of online and offline service.

## Cooperative Brand



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## CUT | BEND | WELD



Established in July 2004, GWEIKE Laser is a high-tech corporation, with production bases of over 200,000 square meters, an annual capacity of 20,000+ units, 300+ national patents, the ability to release 5+ new models per year and multiple certifications including TÜV Rheinland CE, FDA and ISO9001.

GWEIKE Industrial Design has won national awards such as IF Design Award, Red Dot Award, Muse Design Award, IDA Design Award, and etc. Its main business contains high-power fiber laser cutting machines, automatic laser production lines, 3D five-axis technology, new-energy power batteries, ultra-precision cutting tools and services. So far GWEIKE Laser products have been introduced to over 180 countries and regions.



Intelligent comprehensive production base

Shenzhen R&D Center

Fiber R&D and production base



Shandong production base

Shandong sheet metal supporting production base

Overseas Marketing Team

## A AUTOMATIC LOADING SERIES

### GAS-SERIES



### GKS-M3015G



### GKS-CPL3015B



### GKS-BC0520P



### GKS-LC3008R

Machine Model	GKS-LC3008R
Laser power range	3000W-6000W
Clamping range	Φ580mm
Equipment maximum load	≤3000kg
The maximum positioning speed of the device	60mm/min
Equipment positioning accuracy	±0.05mm/m
Repeat positioning accuracy	±0.03mm/m
Length of processing workpiece	≤3000mm
Cladding head	Gweike Cladding Head

### AUTOMATIC MATERIAL STORAGE SYSTEM FOR MEDIUM AND HEAVY PLATES

Machine Model	LF3015GAS / LF4020GAS / LF6025GAS
Laser power	1500W/2000W/3000W/6000W
Maximum loading plate size	3000*1500mm/ 4000*2000mm/ 6000*2500mm
Minimum loading plate size	1200*1000mm/1500*1500mm
Maximum loading and unloading plate thickness	14mm(Plates above 10mm are customized models)
Maximum loading and unloading plate weight	350kg/ 630kg/1650kg
Dimensions	12000*8200*4100mm/15000*9000*4100mm/ 22800*14900*4600mm

### 3D FIVE-AXIS LASER CUTTING MACHINE

Machine Model	GKS-M3015G	GSK-M3122G	GSK-M4025G
X axis≥3000mm/Y axis≥	X axis≥3100mm/Y axis≥	X axis≥4000mm/Y axis≥	
Distance	1500mm /Z axis≥650mm	2200mm /Z axis≥650mm	2500mm /Z axis≥750mm
Speed	X/Y/Z axis≥100mm/min	X/Y/Z axis≥100mm/min	X/Y/Z axis≥80mm/min
Acceleration	X/Y/Z axis≥1g	X/Y/Z axis≥1g	X/Y/Z axis≥1g
Positioning accuracy	X/Y/Z axis±0.05mm	X/Y/Z axis±0.05mm	X/Y/Z axis±0.05mm
Repeat positioning accuracy	X/Y/Z axis±0.03mm	X/Y/Z axis±0.03mm	X/Y/Z axis±0.03mm
Three-dimensional five-axis cutting head			
Distance	C axis Nx360°、A axis±135° C axis Nx360°、A axis±135° C axis Nx360°、A axis±135°		
Speed	C/A axis≥90r/min	C/A axis≥90r/min	C/A axis≥90r/min
Acceleration	C/A axis≥90rad/s <sup>2</sup>	C/A axis≥90rad/s <sup>2</sup>	C/A axis≥90rad/s <sup>2</sup>

### COIL LASER CUTTING PRODUCTION LINE

Machine Model	GKS-CPL3015B/ CPL4015B/ CPL6015B/ CPL6020B2
Laser power	1000W-6000W
Working area	3000*1500mm/ 4000*1500mm/ 6000*1500mm/ 6000*2000mm
Dimensions	1650*650*2500mm/ 1850*650*2500mm/ 2200*650*2500mm/ 2400*7000*2500mm
Thickness of coiled material	0.8-3.0mm
Coiled material width	500-1500mm/ 500-1500mm/ 500-2000mm
Coil weight	10T/15T(Customizable)
Feeding speed	Max 20m/min
X/Y axis cutting stroke	1525mm/3025mm; 1525mm/4025mm; 1525mm/6025mm;
X/Y axis cutting repeat positioning accuracy	±0.03mm
X/Y axis Maximum positioning speed of single axle	120m/min

### AUTOMATIC BENDING CENTER

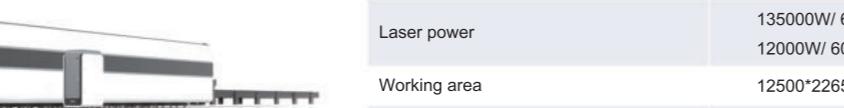
Machine Model	GKS-BC0520P / GKS-BC0315P
Feeding structure	Press Arm
Number of axes	Standard 13 axis
Maximum bending length	2100mm/1500mm
Maximum bending height	200mm
Maximum sheet length	2000mm/1500mm
Maximum sheet width	1500mm/1250mm
Minimum continuous bending speed	0.2S
Minimum arc radius	3mm
Maximum feeding speed	120m/min
Bending angle	0-180°
Carbon steel plate: 1.5mm;	
Stainless steel plate: 1.2mm;	
Aluminum plate: 3mm	
The rated voltage	AC380V
Peak power	About 43kW
Average power	About 5kW
Total machine weight	About 13.7t / About12t
Dimensions	5470*3200*2790mm; 4580*2510*2790mm

### ROBOT INTELLIGENT HIGH-SPEED LASER CLADDING

Machine Model	GKS-LC3008R
Laser power range	3000W-6000W
Clamping range	Φ580mm
Equipment maximum load	≤3000kg
The maximum positioning speed of the device	60mm/min
Equipment positioning accuracy	±0.05mm/m
Repeat positioning accuracy	±0.03mm/m
Length of processing workpiece	≤3000mm
Cladding head	Gweike Cladding Head

## P PROFESSIONAL PLATE SERIES

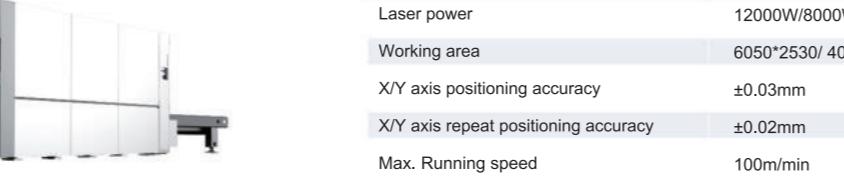
### GH-SERIES



### ULTRA-HIGH POWER LARGE-FORMAT LASER CUTTING MACHINE

Machine Model	LF12025GH / LF8025GH / LF6025GH / LF4020GH
Laser power	13500W/ 6000W/ 4000W/ 3000W/ 2000W/
Working area	12500*22650/ 8050*2530/ 6050*2530/ 4050*2030mm
Repeat positioning accuracy	±0.02mm
Max. Running speed	200m/min

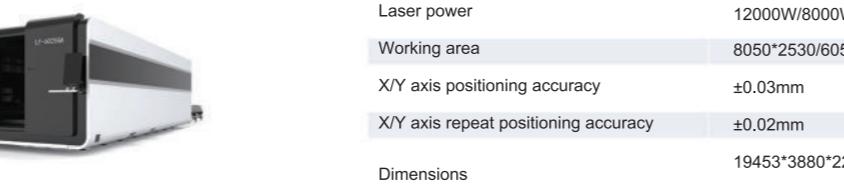
### GAIII-SERIES



### GA III 5-YEAR WARRANTY FIBER LASER CUTTING MACHINE

Machine Model	LF6025GAIII / LF4020GAIII / LF3015GAIII
Laser power	12000W/8000W/6000W/4000W/3000W
Working area	6050*2530/ 4050*2030/ 3050*1500mm
X/Y axis positioning accuracy	±0.03mm
X/Y axis repeat positioning accuracy	±0.02mm
Max. Running speed	100m/min

### GA-SERIES



### DUAL PLATFORM FIBER LASER CUTTING MACHINE

Machine Model	LF8025GA/ LF6025GA/ LF4020GA/ LF3015GA
Laser power	12000W/8000W/6000W/4000W/3000W
Working area	8050*2530/6050*2530/4050*2030/3050*1530mm
X/Y axis positioning accuracy	±0.03mm
X/Y axis repeat positioning accuracy	±0.02mm
Dimensions	19453*3880*2215mm 14577*3880*2215mm 10138*3880*2215mm 8580*2880*2215mm

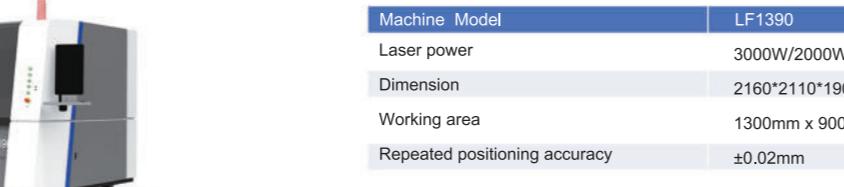
### P-SERIES



### WHOLE COVER FIBER LASER CUTTING MACHINE

Machine Model	LF3015P II
Working area	3000*1500mm
Laser power	6000W/4000W/3000W/2000W/1000W
X/Y axis positioning accuracy	±0.03mm
X/Y axis repeat positioning accuracy	±0.02mm
Dimensions	4700*3340*2450mm

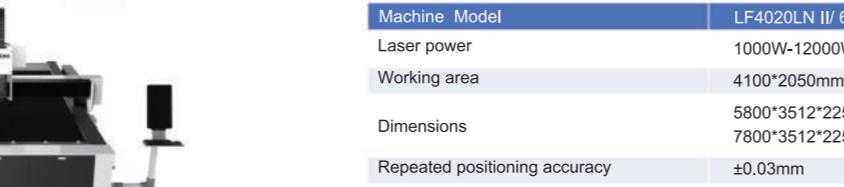
### 1390-SERIES



### DUAL DRIVER BALL SCREW FIBER LASER CUTTING MACHINE

Machine Model	LF1390
Laser power	3000W/2000W/1500W/1000W (optional)
Dimension	2160*2110*1900mm
Working area	1300mm x 900mm
Repeated positioning accuracy	±0.02mm

### LN II-SERIES



### DUAL DRIVER GEAR RACK FIBER LASER CUTTING MACHINE

Machine Model	LF4020LN II / 6015LN II / 6020LN II / 6025LN II


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